

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure			
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B	
										psi	MPa	psi	MPa
1/8	6	0.405	10.3	0.068	1.73	0.24	0.37	STD	40	700	4.8	700	4.8
				0.095	2.41	0.31	0.47	XS	80	850	5.9	850	5.9
1/4	8	0.540	13.7	0.088	2.24	0.42	0.63	STD	40	700	4.8	700	4.8
				0.119	3.02	0.54	0.80	XS	80	850	5.9	850	5.9
3/8	10	0.675	17.1	0.091	2.31	0.57	0.84	STD	40	700	4.8	700	4.8
				0.126	3.20	0.74	1.10	XS	80	850	5.9	850	5.9
1/2	15	0.840	21.3	0.109	2.77	0.85	1.27	STD	40	700	4.8	700	4.8
				0.147	3.73	1.09	1.62	XS	80	850	5.9	850	5.9
				0.188	4.78	1.31	1.95		160	900	6.2	900	6.2
				0.294	7.47	1.71	2.55	XXS		1000	6.9	1000	6.9
3/4	20	1.050	26.7	0.113	2.87	1.13	1.69	STD	40	700	4.8	700	4.8
				0.154	3.91	1.47	2.20	XS	80	850	5.9	850	5.9
				0.219	5.56	1.94	2.90		160	950	6.5	950	6.5
				0.308	7.82	2.44	3.64	XXS		1000	6.9	1000	6.9
1	25	1.315	33.4	0.133	3.38	1.68	2.50	STD	40	700	4.8	700	4.8
				0.179	4.55	2.17	3.24	XS	80	850	5.9	850	5.9
				0.250	6.35	2.84	4.24		160	950	6.5	950	6.5
				0.358	9.09	3.66	5.45	XXS		1000	6.9	1000	6.9
1 1/4	32	1.660	42.2	0.140	3.56	2.27	.39	STD	40	1200	8.3	1300	9
				0.191	4.85	3.00	4.47	XS	80	1800	12.4	1900	13.1
				0.250	6.35	3.76	5.61		160	1900	13.1	2000	13.8
				0.382	9.70	5.21	7.77	XXS		2200	15.2	2300	15.9
1 1/2	40	1.900	48.3	0.145	3.68	2.72	4.05	STD	40	1200	8.3	1300	9
				0.200	5.08	3.63	5.41	XS	80	1800	12.4	1900	13.1
				0.281	7.14	4.86	7.25		160	1950	13.4	2050	14.1
				0.400	10.16	6.41	9.56	XXS		2200	15.2	2300	15.9
2	50	2.375	60.3	0.154	3.91	3.65	5.44	STD	40	2300	15.9	2500	17.2
				0.218	5.54	5.02	7.48	XS	80	2500	17.2	2500	17.2
				0.344	8.74	7.46	11.11		160	2500	17.2	2500	17.2
				0.436	11.07	9.03	13.44	XXS		2500	17.2	2500	17.2
2 1/2	65	2.875	73.0	0.203	5.16	5.79	8.63	STD	40	2500	17.2	2500	17.2
				0.276	7.01	7.66	11.41	XS	80	2500	17.2	2500	17.2
				0.375	9.52	10.01	14.90		160	2500	17.2	2500	17.2
				0.552	14.02	13.70	20.39	XXS		2500	17.2	2500	17.2
3	80	3.500	88.9	0.125	3.18	4.51	6.72			1290	8.9	1500	1.0

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure					
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B			
										psi	MPa	psi	MPa		
				0.156	3.96	5.57	8.29	STD	40	1600	11.0	1870	12.9		
				0.188	4.78	6.65	9.92			1930	13.33	2260	15.6		
				0.216	5.49	7.58	11.29			2220	15.3	2500	17.2		
				0.250	6.35	8.68	12.93			2500	17.2	2500	17.2		
				0.281	7.14	9.66	14.40			2500	17.2	2500	17.2		
				0.300	7.62	10.25	15.27			XS	80	2500	17.2	2500	17.2
				0.438	11.13	14.32	21.35			160	2500	17.2	2500	17.2	
3 1/2	90	4.000	101.6	0.600	15.24	18.58	27.68	XXS		2500	17.2	2500	17.2		
				0.125	3.18	5.17	7.72	STD	40	1120	7.7	1310	19.0		
				0.156	3.96	6.40	9.53			1400	9.7	1640	11.3		
				0.188	4.78	7.65	11.41			1690	11.7	1970	13.6		
				0.226	5.74	9.11	13.57			2030	14.0	2370	16.3		
				0.250	6.35	10.01	14.92			2250	15.5	2500	17.2		
				0.281	7.14	11.16	16.63			2500	17.2	2500	17.2		
0.318	8.08	12.51	18.63	XS	80	2800	19.3			2800	19.3				
4	100	4.500	114.3	0.125	3.18	5.84	8.71	STD	40	1000	6.9	1170	8.1		
				0.156	3.96	7.24	10.78			1250	8.6	1460	10.1		
				0.188	4.78	8.66	12.91			1500	10.3	1750	12.1		
				0.219	5.56	10.01	14.91			1750	12.1	2040	14.1		
				0.237	6.02	10.79	16.07			1900	13.1	2210	15.2		
				0.250	6.35	11.35	16.90			2000	13.8	2330	16.1		
				0.281	7.14	12.66	18.87			2250	15.1	2620	18.1		
				0.312	7.92	13.98	20.78			2500	17.2	2800	19.3		
				0.337	8.56	14.98	22.32			XS	80	2700	18.6	2800	19.3
				0.438	11.13	19.00	28.32			120	2800	19.3	2800	19.3	
				0.531	13.49	22.51	33.54			160	2800	19.3	2800	19.3	
0.674	17.12	27.54	41.03	XXS		2800	19.3	2800	19.3						
5	125	5.563	141.3	0.156	3.96	9.01	13.41	STD	40	1010	7.0	1180	8.1		
				0.188	4.78	10.79	16.09			1220	8.4	1420	9.8		
				0.219	5.56	12.50	18.61			1420	9.8	1650	11.4		
				0.258	6.55	14.62	21.77			1670	11.5	1950	13.4		
				0.281	7.14	15.85	23.62			1820	12.5	2120	14.6		
				0.312	7.92	17.50	26.05			2020	13.9	2360	16.3		
				0.344	8.74	19.17	28.57			2230	15.4	2600	17.9		
				0.375	9.52	20.78	30.94			XS	80	2430	16.8	2800	19.3

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure			
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B	
										psi	MPa	psi	MPa
				0.500	12.70	27.04	40.28		120	2800	19.3	2800	19.3
				0.625	15.88	32.96	49.11		160	2800	19.3	2800	19.3
				0.750	19.05	38.55	57.43	XXS		2800	19.3	2800	19.3
6	150	6.625	168.3	0.188	4.78	12.92	19.27			1020	7.0	1190	8.2
				0.219	5.56	14.98	22.31			1190	8.2	1390	9.6
				0.250	6.35	17.02	25.36			1360	9.4	1580	10.9
				0.280	7.11	18.97	28.26	STD	40	1520	10.5	1780	12.3
				0.312	7.92	21.04	31.32			1700	11.7	1980	13.7
				0.344	8.74	23.08	34.39			1870	12.9	2180	15.0
				0.375	9.52	25.03	37.28			2040	14.1	2380	16.4
				0.432	10.97	28.57	42.56	XS	80	2350	16.2	2740	18.9
				0.562	14.27	36.39	54.20		120	2800	19.3	2800	19.3
				0.719	18.26	45.35	67.56		160	2800	19.3	2800	19.3
				0.864	21.95	53.16	79.22	XXS		2800	19.3	2800	19.3
8	200	8.625	219.1	0.188	4.78	16.94	25.26			780	5.4	920	6.3
				0.203	5.16	18.26	27.22			850	5.9	1000	6.9
				0.219	5.56	19.66	29.28			910	6.3	1070	7.4
				0.250	6.35	22.36	33.31		20	1040	7.2	1220	8.4
				0.277	7.04	24.70	36.31		30	1160	7.8	1350	9.3
				0.312	7.92	27.70	41.24			1300	9.0	1520	10.5
				0.322	8.18	28.55	42.55	STD	40	1340	9.2	1570	10.8
				0.344	8.74	30.42	45.34			1440	9.9	1680	11.6
				0.375	9.52	33.04	49.20			1570	10.8	1830	12.6
				0.406	10.31	35.64	53.08		60	1700	11.7	2000	13.8
				0.438	11.13	38.30	57.08			1830	12.6	2130	14.7
				0.500	12.70	43.39	64.64	XS	80	2090	14.4	2430	16.8
				0.594	15.09	50.95	75.92		100	2500	17.2	2800	19.3
				0.719	18.26	60.71	90.44		120	2800	19.3	2800	19.3
				0.812	20.62	67.76	100.92		140	2800	19.3	2800	19.3
0.875	22.22	72.42	107.88	XXS		2800	19.3	2800	19.3				
0.906	23.01	74.69	111.27		160	2800	19.3	2800	19.3				
10	250	10.750	273.0	0.188	4.78	21.21	31.62			630	4.3	730	5.0
				0.203	5.16	22.87	34.08			680	4.7	800	5.5
				0.219	5.56	24.63	36.67			730	5.0	860	5.9
				0.250	6.35	28.04	41.75		20	840	5.8	980	6.8

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure			
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B	
										psi	MPa	psi	MPa
				0.279	7.09	31.20	46.49			930	6.4	1090	7.5
				0.307	7.80	34.24	51.01		30	1030	7.1	1200	8.3
				0.344	8.74	38.23	56.96			1150	7.9	1340	9.2
				0.365	9.27	40.48	60.29	STD	40	1220	8.4	1430	9.9
				0.438	11.13	48.19	71.87			1470	10.1	1710	11.8
				0.500	12.70	54.74	81.52	XS	60	1670	11.5	1950	13.4
				0.594	15.09	64.43	95.97		80	1990	13.7	2320	16.0
				0.719	18.26	77.03	114.70		100	2410	16.6	2800	19.3
				0.844	21.44	89.29	113.00		120	2800	19.3	2800	19.3
				1.000	25.40	104.13	155.09	XXS	140	2800	19.3	2800	19.3
				1.125	28.57	115.65	172.21		160	2800	19.3	2800	19.3
12	300	12.750	323.8	0.203	5.16	27.20	40.55			570	3.9	670	4.6
				0.219	5.56	29.31	43.63			620	4.3	720	5.0
				0.250	6.35	33.38	49.71		20	710	4.9	820	5.7
				0.281	7.14	37.42	55.75			790	5.4	930	6.4
				0.312	7.92	41.45	61.69			880	6.1	1030	7.1
				0.330	8.38	43.77	65.18		30	930	6.4	1090	7.5
				0.344	8.74	45.58	67.90			970	6.7	1130	7.8
				0.375	9.52	49.56	73.78	STD		1060	7.3	1240	8.5
				0.406	10.31	53.52	79.70		40	1150	7.9	1340	9.2
				0.438	11.13	57.59	85.82			1240	8.5	1440	9.9
				0.500	12.70	65.42	97.43	XS		1410	9.7	1650	11.4
				0.562	14.27	73.15	108.92		60	1590	11.0	1850	12.8
				0.688	17.48	88.63	132.04		80	1940	13.4	2270	15.7
				0.844	21.44	107.32	159.86		100	2390	16.5	2780	19.2
				1.000	25.40	125.49	186.91	XXS	120	2800	19.3	2800	19.3
				1.125	28.57	139.68	208.00		140	2800	19.3	2800	19.3
				1.312	33.32	160.27	238.68		160	2800	19.3	2800	19.3
14	350	14.000	355.6	0.210	5.33	30.93	46.04			540	3.7	630	4.3
				0.219	5.56	32.23	47.99			560	3.9	660	4.5
				0.250	6.35	36.71	54.69		10	640	4.4	750	5.2
				0.281	7.14	41.17	61.35			720	5.0	840	5.8
				0.312	7.92	45.61	67.90		20	800	5.5	940	6.5
				0.344	8.74	50.17	74.76			880	6.1	1030	7.1
				0.375	9.52	54.57	81.25	STD	30	960	6.6	1120	7.7

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure				
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B		
										psi	MPa	psi	MPa	
				0.438	11.13	63.44	94.55	XS	40	1130	7.8	1310	9.0	
				0.469	11.91	67.78	100.94		1210	8.0	1410	9.7		
				0.500	12.70	72.09	107.39		1290	8.9	1500	10.3		
				0.594	15.09	85.05	126.71		60	1530	10.5	1790	12.3	
				0.750	19.05	106.13	158.10		80	1930	13.3	2250	15.5	
				0.938	23.83	130.85	194.96		100	2410	16.6	2800	19.3	
				1.094	27.79	150.79	224.65		120	2800	19.3	2800	19.3	
				1.250	31.75	170.22	253.56		140	2800	19.3	2800	19.3	
				1.406	35.71	189.11	281.70		160	2800	19.3	2800	19.3	
				2.000	50.80	256.32	381.83		2800	19.3	2800	19.3		
				2.125	53.97	269.51	401.44	2800	19.3	2800	19.3			
				2.200	55.88	277.26	413.01	2800	19.3	2800	19.3			
				2.500	63.50	307.05	457.40	2800	19.3	2800	19.3			
16	400	16.000	406.4	0.219	5.56	36.91	54.96	STD		490	3.4	570	3.9	
				0.250	6.35	42.05	62.64		10	560	3.9	660	4.5	
				0.281	7.14	47.17	70.30			630	4.3	740	5.1	
				0.312	7.92	52.27	77.83		20	700	4.8	820	5.7	
				0.344	8.74	57.52	85.71			770	5.3	900	6.2	
				0.375	9.52	62.58	93.17		30	840	5.8	980	6.8	
				0.438	11.13	72.80	108.49			990	6.8	1150	7.9	
				0.469	11.91	77.79	115.86			1060	7.3	1230	8.5	
				0.500	12.70	82.77	123.3		XS	40	1120	7.7	1310	9.0
				0.656	16.66	107.50	160.12		60	1480	10.2	1720	11.9	
				0.844	21.44	136.62	203.53	80	1900	13.1	2220	15.3		
				1.031	26.19	164.82	245.56	100	2320	16.0	2710	18.7		
				1.219	30.96	192.43	286.64	120	2740	18.9	2800	19.3		
				1.438	36.53	223.64	333.19	140	2800	19.3	2800	19.3		
				1.594	40.49	245.25	365.35	160	2800	19.3	2800	19.3		
18	450	18.000	457	0.250	6.35	47.39	70.60	STD	10	500	3.4	580	4.0	
				0.281	7.14	53.18	79.24			560	3.9	660	4.5	
				0.312	7.92	58.94	87.75		20	620	4.3	730	5.0	
				0.344	8.74	64.87	96.66			690	4.8	800	5.5	
				0.375	9.52	70.59	105.10			750	5.2	880	6.1	
				0.406	10.31	76.29	113.62			810	5.6	950	6.5	
				0.438	11.13	82.15	122.43		30	880	6.1	1020	7.0	

# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure			
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B	
										psi	MPa	psi	MPa
				0.469	11.91	87.81	130.78			940	6.5	1090	7.5
				0.500	12.70	93.45	139.20	XS		1000	6.9	1170	8.1
				0562	14.27	104.69	155.87		40	1120	7.7	1310	9.0
				0.750	19.05	138.17	205.83		60	1500	10.3	1750	12.1
				0.938	23.83	170.92	254.67		80	1880	13.0	2190	15.1
				1.156	29.36	207.96	309.76		100	2310	15.9	2700	18.6
				1.375	34.92	244.14	363.64		120	2750	19.0	2800	19.3
				1.562	39.67	274.22	408.45		140	2800	19.3	2800	19.3
				1.781	45.24	308.50	459.59		160	2800	19.3	2800	19.3
20	500	20.000	508	0.250	6.35	52.73	78.55		10	450	3.1	520	3.6
				0.281	7.14	59.18	88.19			510	3.5	590	4.1
				0.312	7.92	65.60	97.67			560	3.9	660	4.5
				0.344	8.74	72.21	107.60			620	4.3	720	5.0
				0.375	9.52	78.60	117.02	STD	20	680	4.7	790	5.4
				0.406	10.31	84.96	126.53			730	5.0	850	5.9
				0.438	11.13	91.51	136.37			790	5.4	920	6.3
				0.469	11.91	97.83	145.70			850	5.9	950	6.5
				0.500	12.70	104.13	155.12	XS	30	900	6.2	1050	7.2
				0.594	15.09	123.11	183.42		40	1170	8.1	1250	8.6
				0.812	20.62	166.40	247.83		60	1460	10.1	1710	11.8
				1.031	26.19	208.87	311.17		80	1860	12.8	2170	15.0
				1.281	32.54	256.10	381.53		100	2310	15.9	2690	18.5
				1.500	38.10	296.37	441.49		120	2700	18.6	2800	19.3
				1.750	44.45	341.10	508.11		140	2800	19.3	2800	19.3
				1.969	50.01	379.10	564.81		160	2800	19.3	2800	19.3
24	600	24.000	610	0.250	6.35	63.41	94.46		10	380	2.6	440	3.0
				0.281	7.14	71.18	106.08			420	2.9	490	3.4
				0.312	7.92	78.91	117.51			470	3.2	550	3.8
				0.344	8.74	86.91	129.50			520	3.6	600	4.1
				0.375	9.52	94.62	140.88	STD	20	560	3.9	660	4.5
				0.406	10.31	102.31	152.37			610	4.2	710	4.9
				0.438	11.13	110.22	164.26			660	4.5	770	5.3
				0.469	11.91	117.86	175.54			700	4.8	820	5.7
				0.500	12.70	125.49	186.94	XS		750	5.2	880	6.1
				0.562	14.27	140.68	209.50		30	840	5.8	980	6.8



# Line Pipes

Available in spec and grades:

- API 5L Gr A - X80
- ASTM A106 Gr A - C
- ASTM A53 Gr A - B
- ASTM A135 Gr A - B

Dimensions and tolerances as per

- API 5L
- ASTM A53/A53M
- ASTM A106/A106M
- ASTM A530/A530M

Designation		Outside Diameter		Wall Thickness		Weight		Weight class	Schedule No	Test Pressure			
NPS	DN	in	mm	in	mm	lb/ft	kg/m			Grade A		Grade B	
										psi	MPa	psi	MPa
				0.688	17.48	171.29	255.24		40	1030	7.1	1200	8.3
				0.938	23.83	231.03	344.23			1410	9.7	1640	11.3
				0.969	24.61	238.85	355.02		60	1450	10.0	1700	11.7
				1.219	30.96	296.58	441.78		80	1830	12.6	2130	14.7
				1.531	38.89	367.39	547.33		100	2300	15.9	2680	18.5
				1.812	46.02	429.39	639.58		120	2720	18.8	2800	19.3
				2.062	52.37	483.12	719.63		140	2800	19.3	2800	19.3
				2.344	59.54	542.14	807.63		160	2800	19.3	2800	19.3
26	650	26.000	660	0.250	6.35	68.75	102.42			350	2.4	400	2.8
				0.281	7.14	77.18	115.02			390	2.7	450	3.1
				0.312	7.92	85.60	127.43		10	430	3.0	500	3.4
				0.344	8.74	94.26	140.45			480	3.3	560	3.9
				0.375	9.52	102.63	152.80	STD		520	3.6	610	4.2
				0.406	10.31	110.98	165.28			560	3.9	660	4.5
				0.438	11.13	119.57	178.20			610	4.2	710	4.9
				0.469	11.91	127.88	190.46			650	4.5	760	5.2
				0.500	12.70	136.17	202.85	XS	20	690	4.8	810	5.6
				0.562	14.27	152.68	227.37			780	5.4	910	6.3



# Line Pipes

Pipe schedules as per ASME/ANSI B36.10M - 2004

Designation		OD mm	Thickness (mm)											Vol (CBM) m <sup>3</sup>	
NPS	DN		Weight (kg/m)												
			20	30	STD	40	60	XS	80	100	120	140	160	XXS	
1/8	6	10.29			1.73 0.37			2.41 0.47							0.0001
1/4	8	13.72			2.24 0.63			3.02 0.80							0.0001
3/8	10	17.15			2.31 0.84			3.20 1.10							0.0003
1/2	15	21.3			2.77 1.27			3.73 1.62					4.78 1.95	7.47 2.55	0.0004
3/4	20	26.7			2.87 1.69			3.91 2.20					5.56 2.90	7.82 3.64	0.0007
1	25	33.4			3.38 2.50			4.55 3.24					6.35 4.24	9.09 5.45	0.0011
1 1/4	32	42.2			3.56 3.39			4.85 4.47					6.35 5.61	9.70 7.77	0.0017
1 1/2	40	48.3			3.68 4.05			5.08 5.41					7.14 7.25	10.15 9.56	0.023
2	50	60.3			3.91 5.44			5.54 7.48					8.74 11.11	11.07 13.44	0.036
2 1/2	65	73.0			5.16 8.63			7.01 11.41					9.53 14.92	14.02 20.39	0.0053
3	80	88.9			5.49 11.29			7.62 15.27					11.13 21.35	15.24 27.68	0.0079
3 1/2	90	101.6			5.74 13.57			8.08 18.63							0.0103
4	100	114.3			6.02 16.07			8.56 22.32			11.13 28.32		13.49 33.54	17.12 41.03	0.0130
5	125	141.3			6.55 21.77			9.53 30.97			12.70 40.28		15.88 49.11	19.05 57.43	0.0199
6	150	168.3			7.11 28.26			10.97 42.56			14.27 54.20		18.26 67.56	21.95 79.22	0.028
8	200	219.1	6.35 33.31	7.04 36.81	8.18 42.55		10.31 53.08	12.7 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92		0.048
10	250	273.1	6.35 41.77	7.80 51.03	9.27 60.31		12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15		0.074
12	300	323.9	6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	0.104
14	350	355.6	7.92 67.90	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70			0.126
16	400	406.4	7.92 77.83	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35			0.165
18	450	457.2	7.92 87.81	11.13 122.38	9.53 105.16	14.27 155.80	19.05 205.74	12.70 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		0.209
20	500	508.0	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81		0.258
22	550	558.8	9.53 141.12	12.70 171.09	9.53 129.13		22.23 294.25	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		0.312
24	600	609.6	9.53 14.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22		0.372
26	650	660.4	12.70 202.72		9.53 152.87			12.70 202.72							0.436



# Line Pipes

Pipe schedules as per ASME/ANSI B36.10M - 2004

Designation		OD mm	Thickness (mm)											Vol (CBM) m <sup>3</sup>	
NPS	DN		Weight (kg/m)												
			20	30	STD	40	60	XS	80	100	120	140	160	XXS	
28	700	711.2	12.70 218.69	15.88 271.21	9.53 164.85			12.70 218.69							0.505
30	750	762.0	12.70 234.67	15.88 292.18	9.53 176.84			12.70 234.67							0.580
32	800	812.8	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.70 250.64							0.660
34	850	863.6	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90		12.70 266.61							0.745
36	900	914.4	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42		12.70 282.27							0.836
38	950	965.2			9.53 224.54			12.70 298.24							0.931
40	1000	1016.0			9.53 236.53			12.70 314.22							1.032
42	1050	1066.8			9.53 248.52			12.70 330.19							1.138
44	1100	1117.8			9.53 260.50			12.70 346.16							1.249
46	1150	1168.4			9.53 272.25			12.70 351.82							1.365
48	1200	1219.2			9.53 284.24			12.70 377.79							1.486

